



DEPARTMENT OF THE NAVY

COMMANDER
NAVY REGION HAWAII
850 TICONDEROGA ST STE 110
JBPHH, HAWAII 96860-5101

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Ser N45/884

November 20, 2015

CERTIFIED NO: 7011 2000 0002 7214 3091

Mr. Richard Takaba
Hawaii State Department of Health
Environmental Management Division
Solid and Hazardous Waste Branch
Underground Storage Tank Section
919 Ala Moana Boulevard, Room 212
Honolulu, HI 96814

Dear Mr. Takaba:

SUBJECT: RED HILL TANK COMPLEX, JULY 2015 GROUNDWATER
MONITORING RESULTS FOR OUTSIDE (NON-TUNNEL) WELLS,
FACILITY ID NO. 9-102271, RELEASE ID NO. 99051,
010011, 020028, AND 140010

On July 22, 27, and 28, and August 20, 2015, a Navy contractor, Environmental Science International, Inc. (ESI) collected quarterly groundwater samples from wells HDMW2253-03, OWDFMW01, RHMW04, RHMW06, and RHMW07. All five wells are located outside the Red Hill Fuel Storage Facility tunnels.

The Navy is submitting the Third Quarter 2015 - Quarterly Groundwater Monitoring Report for Outside Tunnel Wells as Enclosures 1 and 2.

The groundwater samples were analyzed for petroleum constituents. Laboratory analytical results indicated all contaminant of potential concern (COPC) concentrations were below the DOH Tier 1 EALs in wells HDMW2253-01, RHMW04, RHMW06 and RHMW07.

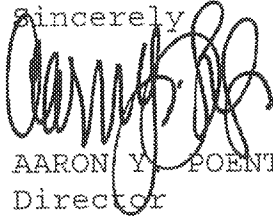
In well OWDFMW01, TPH-d and TPH-o were detected at concentrations above the DOH Tier 1 EALs of 100 mg/L. The laboratory identified a mismatch between the chromatographic profiles of the samples from OWDFMW01 and the standards used in the quantitation of TPH-d and TPH-o by EPA Method 8015. The compound or compound mixture detected by EPA Method 8015 for TPH-d analysis did not resemble a petroleum fuel. The total concentrations reported for TPH-d and TPH-o are likely inaccurate and additional scrutiny of the TPH-d concentrations is warranted.

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Quarterly sampling will continue for the five groundwater monitoring wells outside the tunnel.

If there are any questions regarding this matter, or if more information is needed, please contact Ms. Raelynn Kishaba at (808) 471-1171, extension 233.

Sincerely



AARON Y. POENTIS
Director
Regional Environmental Department
By direction of the
Commander

- Enclosures:
1. Final Third Quarter 2015 - Quarterly Groundwater Monitoring Report, Outside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of November 2015 (1 hard copy)
 2. Final Third Quarter 2015 - Quarterly Groundwater Monitoring Report, Outside Tunnel Wells, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii of November 2015 (1 CD)

Copy to: Ms. Joanna Seto, DOH Safe Drinking Water Branch (1 CD)
Bob Pallarino, U.S. EPA Region 9, Underground Storage Tank Program Office (via email)
LCDR Andrew Lovgren, NAVSUP Fleet Logistics Center Pearl Harbor (1 hard copy, 1 CD)
Mr. Rockne Krill, DLA Pacific (1 hard copy, 1 CD)
Ms. Arleen Mizuno, NAVFAC HI EV1 (1 CD)